Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-15 (*Canceled*):

16 (*Currently Amended*):   An image sensing apparatus comprising:

an image sensing device which outputs image data obtained by an image sensing element as RAW data;

a memory which has a first area for ~~temporally~~ temporarily storing first RAW data obtained in a first image sensing operation of said image sensing device and a second area for ~~temporally~~ temporarily storing second RAW data obtained in a second image sensing operation next to the first image sensing operation of said image sensing device~~, each of the first and second areas of the memory stores the RAW data from the first and second operations alternately~~;

a white balance integration device which integrates at least one of the first and second RAW data readout from said first area and said second area, respectively, for a white balance processing;

a white balance calculation device which calculates a white balance coefficient on the basis of the integration result by the white balance integration device ~~calculation~~;

an image processing device which performs image processing of the first and second RAW data readout from said first area and said second area, respectively, in accordance with the white balance coefficient calculated by said white balance calculation device;

a display device which displays ~~an object image~~ a live view image during imaging on the image sensing element; and

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a control device which controls said memory, said white balance integration device, said

image processing device, and said display device,

wherein, ~~in case said image sensing device outputs third RAW data obtained in a third~~

~~image sensing operation next to the first and second image sensing operations,~~ said control

device controls so that, said image processing device processes a color space conversion for the

first RAW data readout from said first area in accordance with start of reading the second RAW

data from the image sensing element in the second image sensing operation, the white balance

integral processing for the second RAW data by said white balance integration device and the

color space conversion for first RAW data by said image processing device processes are

performed in parallel during reading of the second RAW data from the image sensing element,

[[and]] said display device ~~displays the object image after~~ is limited to display the live view

image during the integral processing for the second RAW data is finished but the color space

conversion processing for the first RAW data is not finished, said display device is allowed to

display the live view image in response that the color space conversion processing for the first

RAW data [[and]] is finished after the integral processing for the second RAW data is finished,

and said white balance calculation device calculates the white balance coefficient of the second

RAW data [[while]] after said display device starts to display the live view image ~~displays the~~

~~object image after the parallel processing of the first and second RAW data, and said memory~~

~~stores the third RAW data in the first area in which the color space conversion of the first RAW~~

~~data by said image processing device is finished.~~

17 (*Previously Presented*):   The apparatus according to claim 16, further comprising a defect

correction device which corrects a defective pixel portion of image data when the image sensing

element has a defective pixel,

wherein said control device controls said defect correction device in such a way that

said defect correction device corrects a defective pixel portion of the image data while said

display device displays the object image after said white balance calculation device calculates

the white balance coefficient.